

FIGURE 28

></usr/seqdb2/sst/DNA/Dnaseqs.min/ss.DNA45234

><subunit 1 of 1, 453 aa, 1 stop

><MW: 49334, pI: 6.32, NX(S/T): 1

MGENDPPAVEAPFSFRSLFGLDDLKISPVAPDADAVAAQILSLLPLKFFPIIVIGIIALILA
LAIGLGIHFDCSGKYRCRSSFKCIELIARCDGVSDCKDGEDEYRCVRVGGQNAVLQVFTAAS
WKTMCSDDWKGYHNAVACAQLGFPSYVSSDNLRVSSLEGQFREEFVSIDHLLPDDKVTALHH
SVYVREGCASGHVVTLQCTACGHRRGYSSRIVGGNMSLLSQWPWQASLQFQGYHLCGGSVIT
PLWIITAAHCVDLYLPKSWTIQVGLVSLDNPAPSHLVEKIVYHISKYKPKRLGNDIALMKL
AGPLTFNEMIQPVCLPNSEENFPDGKVCWTSGWGATEDGGDASPVLNHAAPPLISNKICNHR
DVYGGIISPSMLCAGYLTGGVDSCQGDSCGGLVCQERRLWKLVGATSFGIGCAEVNKPVGVT
RVTSFLDWIHEQMERDLKT

Signal Peptide:

amino acids 1-20

Transmembrane domain:

amino acids 240-284

45234

FIGURE 29

CCCACGCGTCCGTCCTAGTCCCCGGGCCAACTCGGACAGTTTGCTCATTTATTGCAACGGTCAAGGCTGGCTTGT
 GCCAGAACGGCGCGCGCGCGCACGCACACACGCGGGGAACTTTTTTAAAAATGAAAGGCTAGAAGA
 GCTCAGCGCGCGCGCGCGCGCTGCGCGAGGGCTCCGGAGCTGACTCGCCGAGGCAGGAAATCCCTCCGGTCCGGA
 CGCCCCGGCCCCGGCTCGGCGCCCCGCTGGGATGGTGCAGCGCTCGCCCGCGGGCCCCGAGAGCTGCTGCACTGAAG
 GCGGGCGACGATGGCAGCGCGCCCCGCTGCCCCGTGTCCCCCGCCCCGCGCCCTCTGCTCGCCCTGGCCGGTGTCT
 GCTCGCGCCCTGCGAGGCCCGAGGGGTGAGCTTATGGAACCAAGGAAGAGCTGATGAAGTTGTCACTGCCTCTGT
 TCGGAGTGGGGACCTCTGGATCCCAGTGAAGAGCTTCGACTCCAAGAATCATCCAGAAGTGTGAATATTCGACT
 ACAACGGGAAAGCAAAGAACTGATCATAAATCTGGAAGAAATGAAGGTCTCATTGCCAGCAGTTTCACGGAAAC
 CCACTATCTGCAAGACGGTACTGATGTCTCCCTCGCTCGAAATTAACGGGTCACTGTTACTACCATGGACATGT
 ACGGGGATATTCTGATTCAAGCAGTCACTCTCAGCACGTGTTCTGGTCTCAGGGGACTTATTGTGTTTGAAAATGA
 AAGCTATGTCTTAGAACCAATGAAAAGTGCAACCAACAGATACAACTCTTCCAGCGAAGAAGCTGAAAAGCGT
 CCGGGGATCATGTGGATCACATCACACACCAAACTCGCTGCAAGAATGTGTTTCCACCACCCTCTCAGAC
 ATGGGCAAGAAGGCATAAAAGAGAGACCCTCAAGGCAACTAAGTATGTGGAGCTGGTGATCGTGGCAGACAACCG
 AGAGTTTTCAGAGGCAAGGAAAAGATCTGGAAGAAAGTTAAGCAGCGATTAATAGAGATTGCTAATCACGTTGACAA
 GTTTTACAGACCACTGAACATTCCGATCGTGTGGTGGTGGAGTGTGAAGTGTGAATGACATGGACAAATGCTCTGT
 AAGTCAGGACCCATTCAACAGCCTCCATGAATTTCTGGACTGGAGGAAGATGAAGCTTCTACCTCGCAAATCCCA
 TGACAATGCGCAGCTTGTCACTGGGGTTTATTTCCAAGGGACCACCATCGGCATGGCCCCAATCATGAGCATGTG
 CACGGCAGACCACTCTGGGGGAATTGTCATGGACCAATCAGACAATCCCCTTGGTGCAGCCGTGACCCTGGCACA
 TGAGCTGGGGCCACAATTTCCGGATGAATCATGACACACTGACAGAGGGCTGTAGCTGTCAAATGGCGGTTGAGAA
 AGGAGGCTGCATCATGAACGCTTCCACCGGTACCCATTTCCTCATGGTGTTCAGCAGTTGCAGCAGGAAGGACTT
 GGAGACCAGCCTGGAGAAAAGGAATGGGGGTGTGCTGTTTAACTGCCGAAGTCAGGGAGTCTTTCCGGGGGCCA
 GAAGTGTGGGAACAGATTGTTGGAAGAAGGACGAGTGTGACTGTGGGGAGCCAGAGGAATGTATGAATCGCTG
 CTGCAATGCCACCACCTGTACCCTGAAGCCGACGCTGTGTGCGCACATGGGCTGTGCTGTGAAGACTGCCAGCT
 GAAGCCTGCAGGAACAGCGTGCAGGGACTCCAGCAACTCCTGTGACCTCCAGAGTTCTGCACAGGGGGCCAGCCC
 TCACTGCCCAGCCAATGTGTACCTGCACGATGGGCACTCATGTGAGGATGTGGACGGCTACTGCTACAATGGCAT
 CTGCCAGACTCACGAGCAGCAGTGTGTACGCTCTGGGGACCAGGTGCTAAACCTGCCCCCTGGGATCTGCTTTGA
 GAGATCAATTTCTGCAGGTGATCCTTATGGCAACTGTGGCAAAGTCTGAAGAGTTCTTTGCCAAATGCGAGAT
 GAGAGATGCTAAATGTGGAAAAATCCAGTGTCAAGGAGGTGCCAGCCGGCCAGTCATTGGTACCAATGCCGTTTC
 CATAGAAACAAACATCCCTCTGCAGCAAGGAGGCCGATTCTGTGCCGGGGGACCCACGTGTACTTGGGCGATGA
 CATGCCGGACCCAGGGCTTGTGCTTGCAGGCACAAAGTGTGCAGATGGAAAAATCTGCCTGAATCGTCAATGTCA
 AAATATTAGTGTCTTTGGGGTTCCAGAGTGTGCAATGCAGTGCCACGGCAGAGGGGTGTGCAACAACAGGAAGAA
 CTGCCACTGCGAGGCCCACTGGGCACCTCCCTTCTGTGACAAGTTTGGCTTTGGAGGAAGCACAGACAGCGGGCCC
 CATCCGGCAAGCAGAAGCAAGGCAGGAAGCTGCAGAGTCCAACAGGGAGCGCGGCCAGGGCAAGGACCCGTGGG
 ATCGCAGGAGCATGCGTCTACTGCCTCACTGACACTCATCTGAGCCCTCCCATGACATGGAGACCGTGACCAGTG
 CTGCTGCAGAGGAGTCAACGCTCCCCAAGGCCTCCTGTGACTGGCAGCATTGACTCTGTGGCTTTGCCATCGTT
 TCCATGACAACAGACACAACACAGTTCTCGGGCTCAGGAGGGGAAGTCCAGCCTACCAGGCACGTCTGCAGAAA
 CAGTGCAAGGAAGGGCAGCGACTTCTCGTTGAGCTTCTGCTAAAAATGACATGCTTCACTGCTGCTCCTGAG
 AGAGTAGCAGGTTACCACTCTGGCAGGCCCCAGCCCTGCAGCAAGGAGGAAGAGGACTCAAAAGTCTGGCTTTTC
 ACTGAGCCTCCACAGCAGTGGGGGAGAAGCAAGGGTTGGGCCCCAGTGTCCCCTTTCCCCAGTGACACCTCAGCCT
 TGGCAGCCCTGATGACTGGTCTCTGGCTGCAACTTAATGCTCTGATATGGCTTTTAGCATTTTATTATATGAAAAAT
 AGCAGGGTTTTAGTTTTTAAATTTATCAGAGACCTTGCCACCCATTCCATCTCCATCCAAGCAAACCTGAATGGCAA
 TGAAACAAACTGGAGAAGAAGTAGGAGAAAGGGCGGTGAACCTCTGGCTCTTTGCTGTGGACATGCGTGACCAGC
 AGTACTCAGGTTTGGAGGGTTTGAGAAAGCCAGGGAAACCCACAGAGTACCAACCCCTTCATTTAACAAGTAAGAA
 TGTTAAAAAGTGAAAACAATGTAAGAGCCTAACTCCATCCCCCGTGGCCATTACTGCATAAAATAGAGTGCATTT
 GAAAT

000709 40400
 100709 40400

FIGURE 30

></usr/seqdb2/sst/DNA/Dnaseqs.min/ss.DNA49624

><subunit 1 of 1, 735 aa, 1 stop

><MW: 80177, pI: 7.08, NX(S/T): 5

MAARPLPVSPARALLLALAGALLAPCEARGVSLWNQGRADEVVVSASVRSGDLWIPVKSFDSK
NHPEVLNIRLQRESKELIINLERNEGLIASSFTETHYLQDGTDVSLARNYTGHCCYYHGHVVRG
YSDSAVSLSTCSGLRGLIVFENESYVLEPMKSATNRYKLFPAKKLKSVRGSCGSHHNTPNLA
AKNVFPPPSQTWARRHKRETLKATKYVELVIVADNREFQRQGDLEKVKQRLIEIANHVDKF
YRPLNIRIVLVGVEVWVNDMDKCSVSQDPFTSLHEFLDWRKMKLLPRKSHDNAQLVSGVYFQG
TTIGMAPIMSMCTADQSGGIVMDHSDNPLGAAVTLAHELGHNFGMNHDTLDRGCSCQMAVEK
GGCIMNASTGYPPFPMVFSSCSRKDLETSLEKGMGVCLFNLPEVRESFGGQKCGNRFVEEGEE
CDCGEPEECMNRCCNATTCTLKPDCAVCAHGLCCEDCQLKPAGTACRDSSNSCDLPEFCTGAS
PHCPANVYLHDGHSCQDVGICYNGICQTHEQQCVTLWGPGAKPAPGICFERVNSAGDPYGN
CGKVSKESSFAKCEMRDAKCGKIQCQGGASRPVIGTNAVSIETNIPLQQGGRILCRGTHVYLG
DDMPDPGLVLGATKCADGKICLNRRQCQNISVFGVHECAMQCHGRGVCNNRKNCHCEAHWAPP
FCDKFGFGGSTDSGPIRQAEARQEAESNRERGGQEPVGSQEHASTASLTLLI

Signal peptide:

amino acids 1-28

Figure 30: "seqdb2/sst/DNA/Dnaseqs.min/ss.DNA49624"